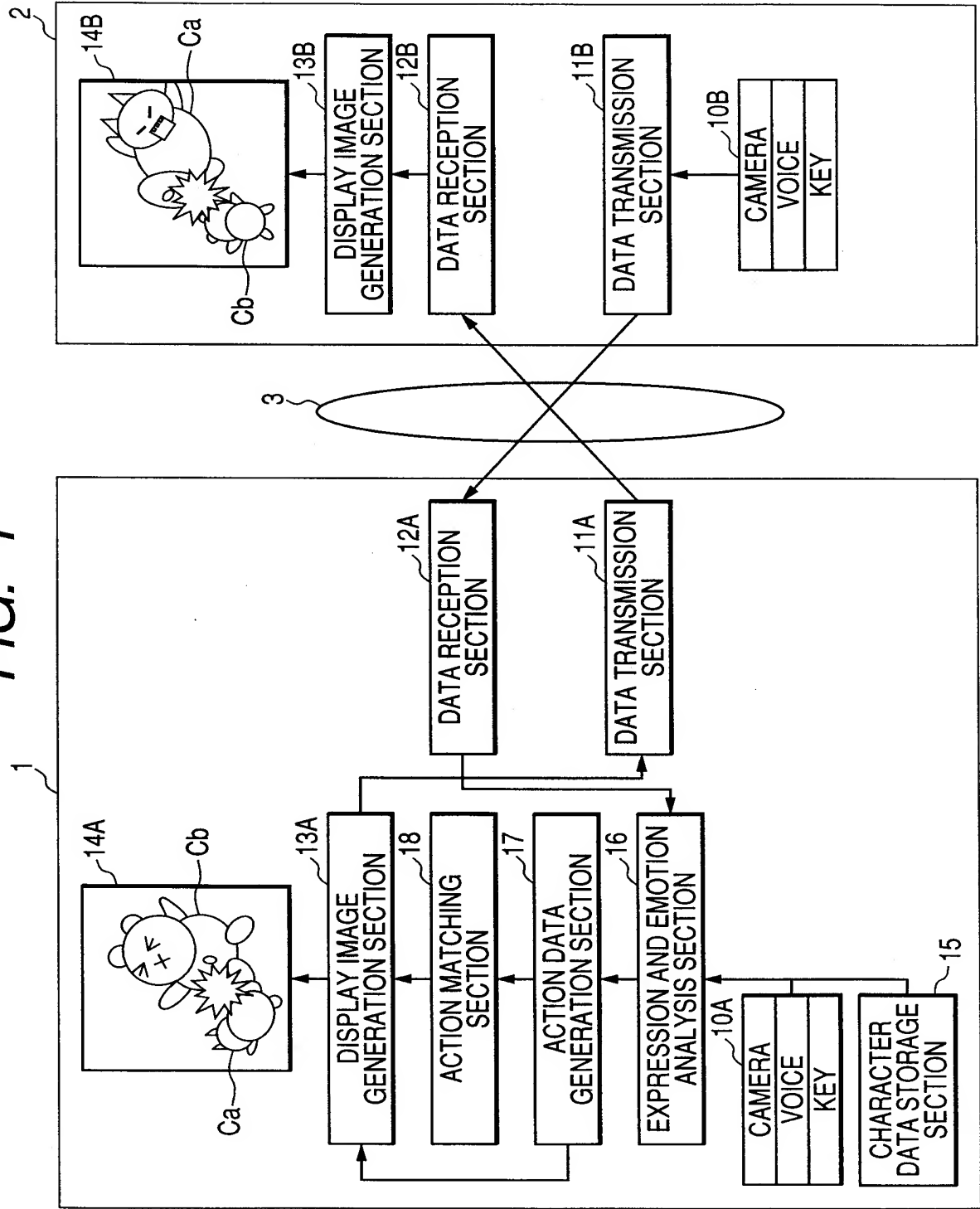
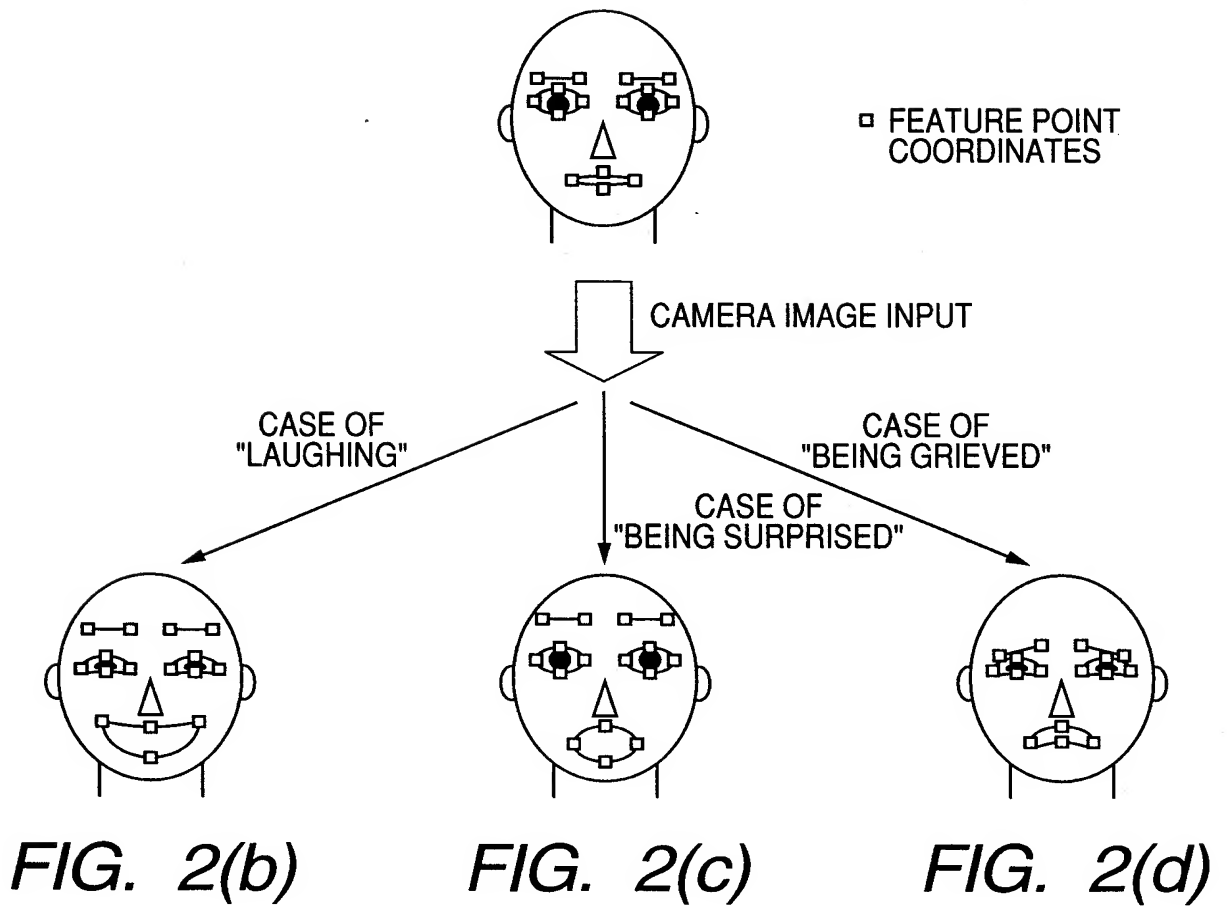


FIG. 1

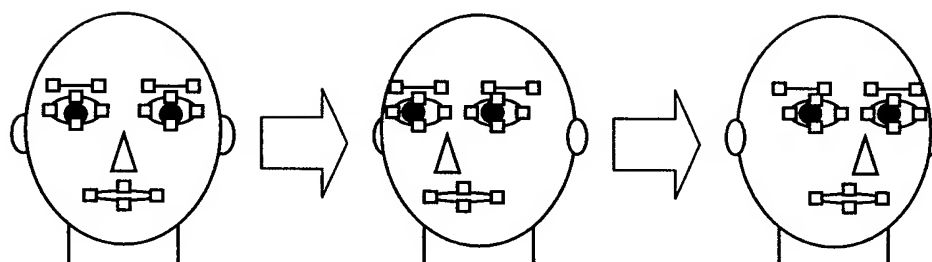


*FIG. 2(a)*



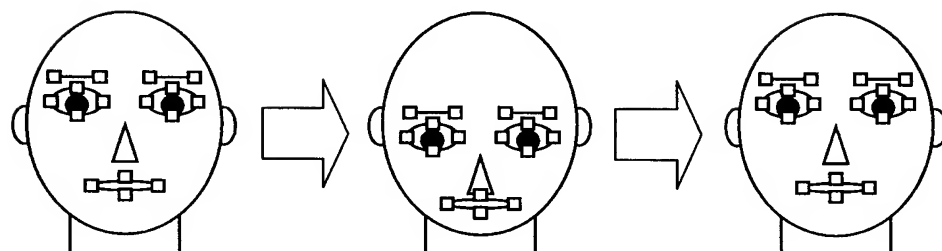
**FIG. 3(a)**

CASE OF "HEAD SHAKING"



**FIG. 3(b)**

CASE OF "NODDING"



**FIG. 4(a)**

<ul style="list-style-type: none"> <li>• LAUGHING</li> <li>• CRYING</li> <li>• BEING SURPRISED</li> <li>• BEING SCARED</li> <li>• DEFAULT</li> </ul>
--

SOLE ACTION TABLE TA

**FIG. 4(b)**

<ul style="list-style-type: none"> <li>• LAUGHING</li> <li>• CRYING</li> <li>• GETTING ANGRY</li> <li>• SHOUTING</li> <li>• DEFAULT</li> </ul>
--

SOLE ACTION TABLE TB

**FIG. 4(c)**

<ul style="list-style-type: none"> <li>• THRUSTING AWAY</li> <li>• ATTACKING</li> <li>• HAND JOINING</li> <li>• EMBRACING</li> </ul>	<ul style="list-style-type: none"> <li>• BLOWING OFF</li> <li>• FALLING</li> <li>• HAND JOINING</li> <li>• BEING EMBRACED</li> </ul>
ACTIVE ACTION	PASSIVE ACTION

MUTUAL ACTION TABLE TC

*FIG. 5(d)*

LAUGHING
BEING GRIEVED
BEING SURPRISED
ANGER
HEAD SHAKING
NODDING
NO EXPRESSION

IMAGE DATA  
EXPRESSION AND  
EMOTION ANALYSIS DATA

*FIG. 5(a)*

LAUGHING
CRYING
BEING SURPRISED
BEING SCARED
DEFAULT

SOLE ACTION TABLE TA

*FIG. 5(c)*

THRUSTING AWAY	BLOWING OFF
ATTACKING	FALLING
HAND JOINING	HAND JOINING
EMBRACED	BEING EMBRACED

MUTUAL ACTION TABLE TC

*FIG. 6(d)*

LAUGHING
BEING GRIEVED
BEING SURPRISED
GETTING ANGRY
SHOUTING
SILENCE
NO FEATURE

VOICE DATA  
EXPRESSION AND  
EMOTION ANALYSIS DATA

*FIG. 6(a)*

LAUGHING
CRYING
BEING SURPRISED
BEING SCARED
DEFAULT

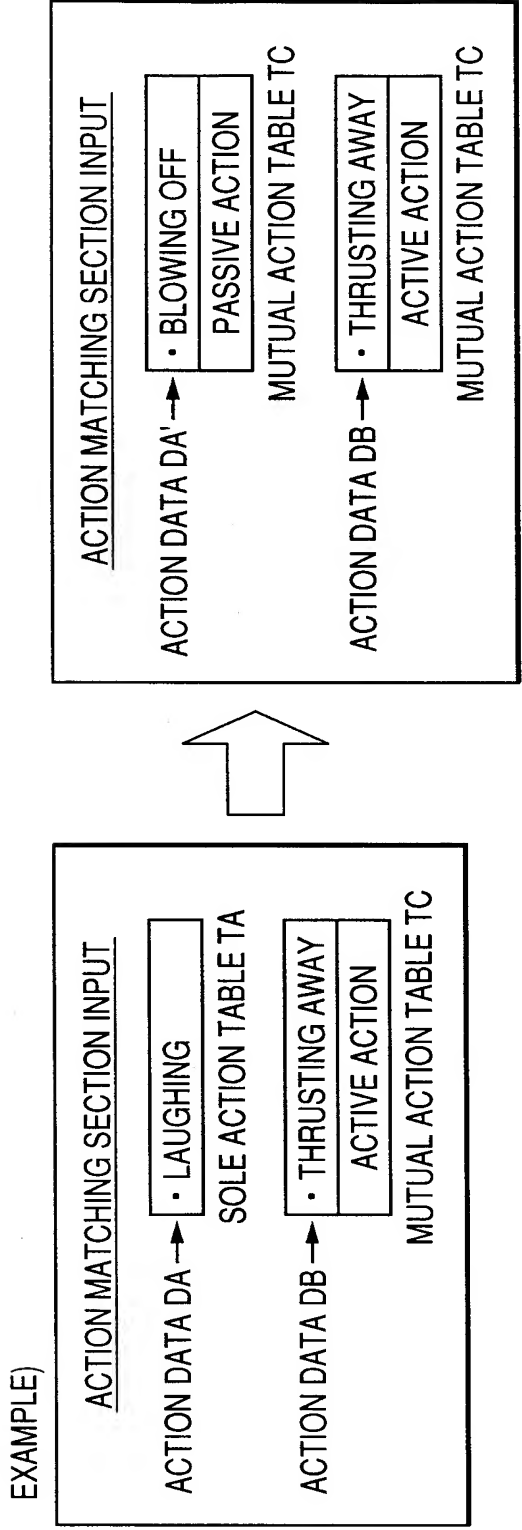
SOLE ACTION TABLE TA

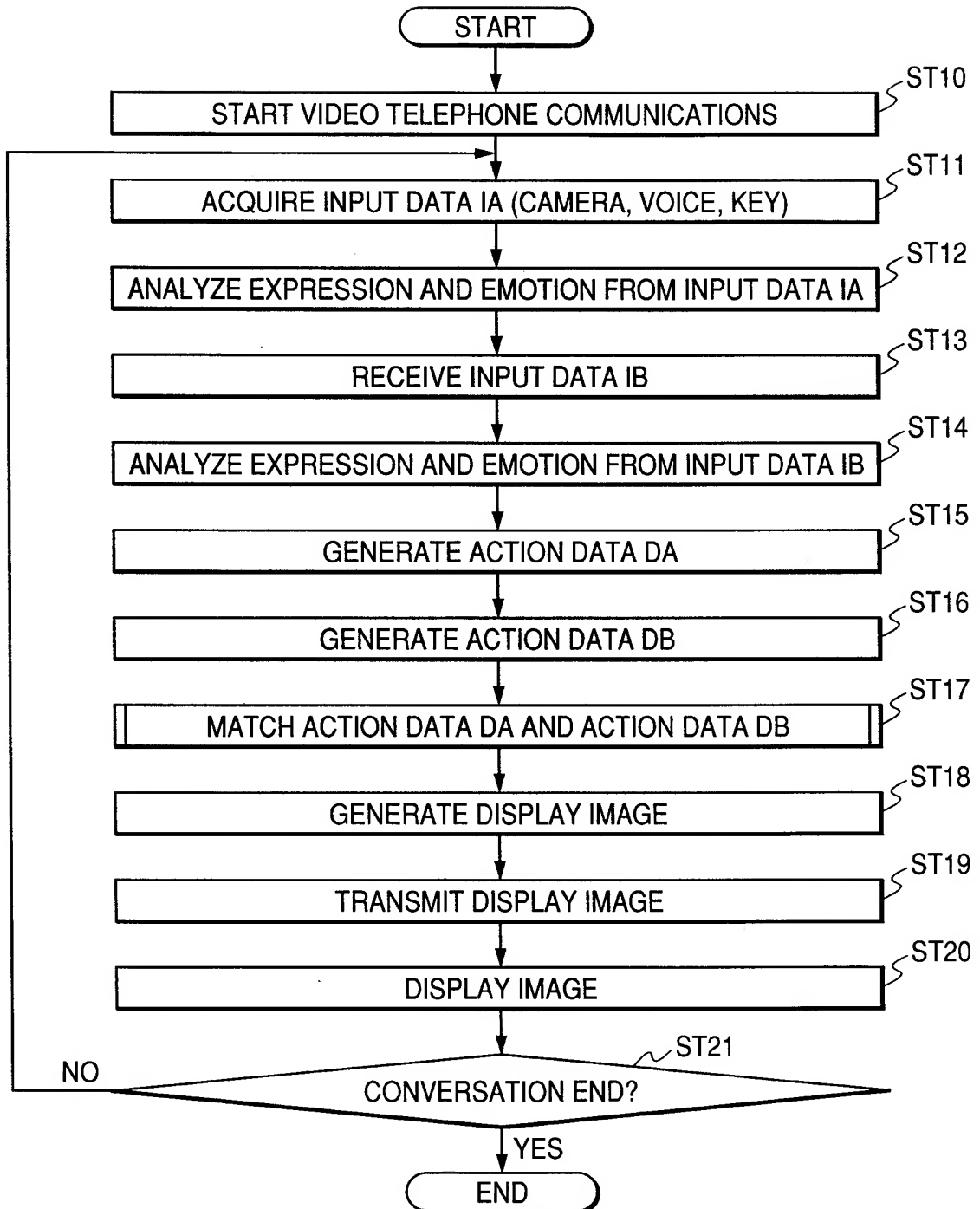
*FIG. 6(c)*

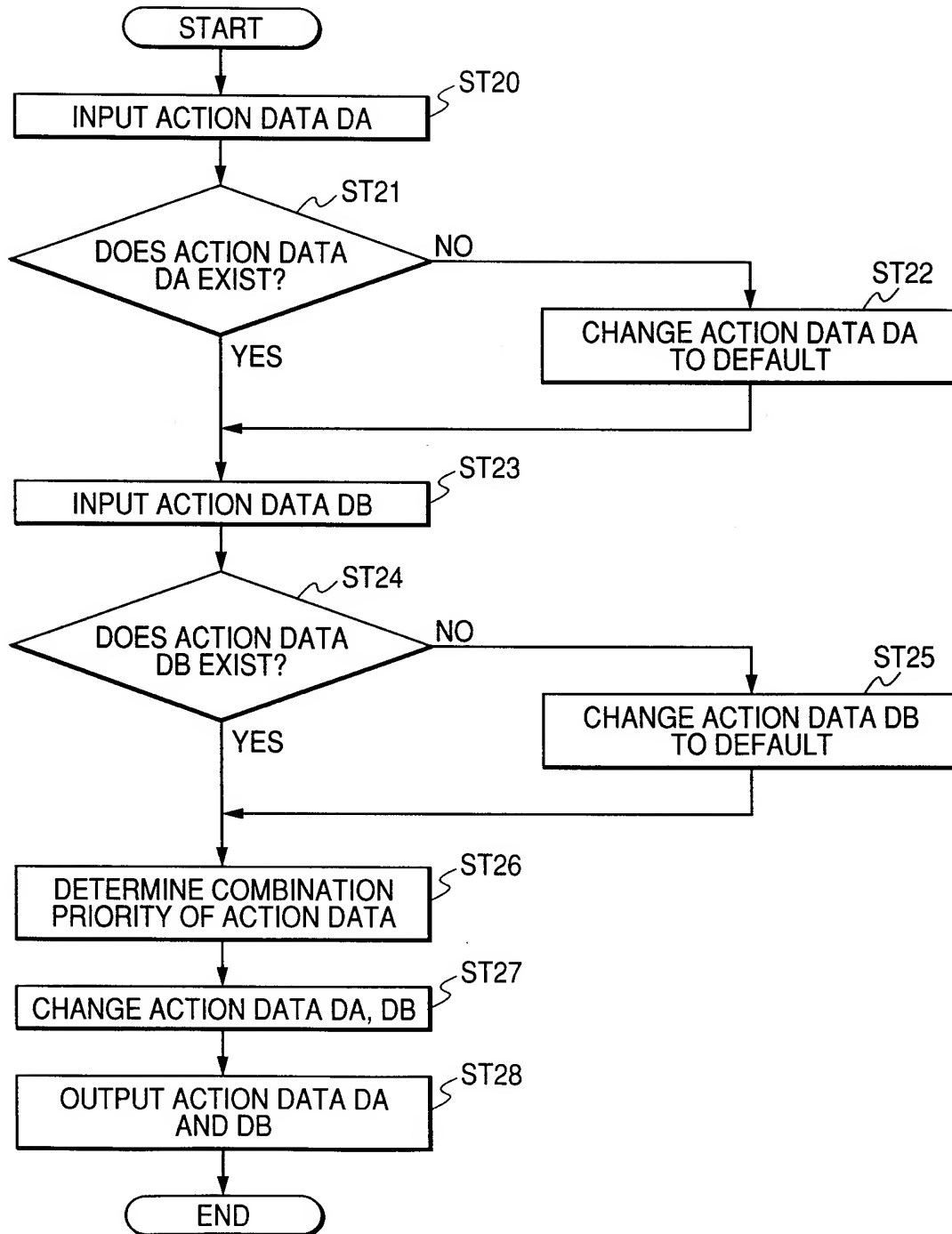
THRUSTING AWAY	BLOWING OFF
ATTACKING	FALLING
HAND JOINING	HAND JOINING
EMBRACED	BEING EMBRACED

MUTUAL ACTION TABLE TC

FIG. 7



**FIG. 8**

**FIG. 9**



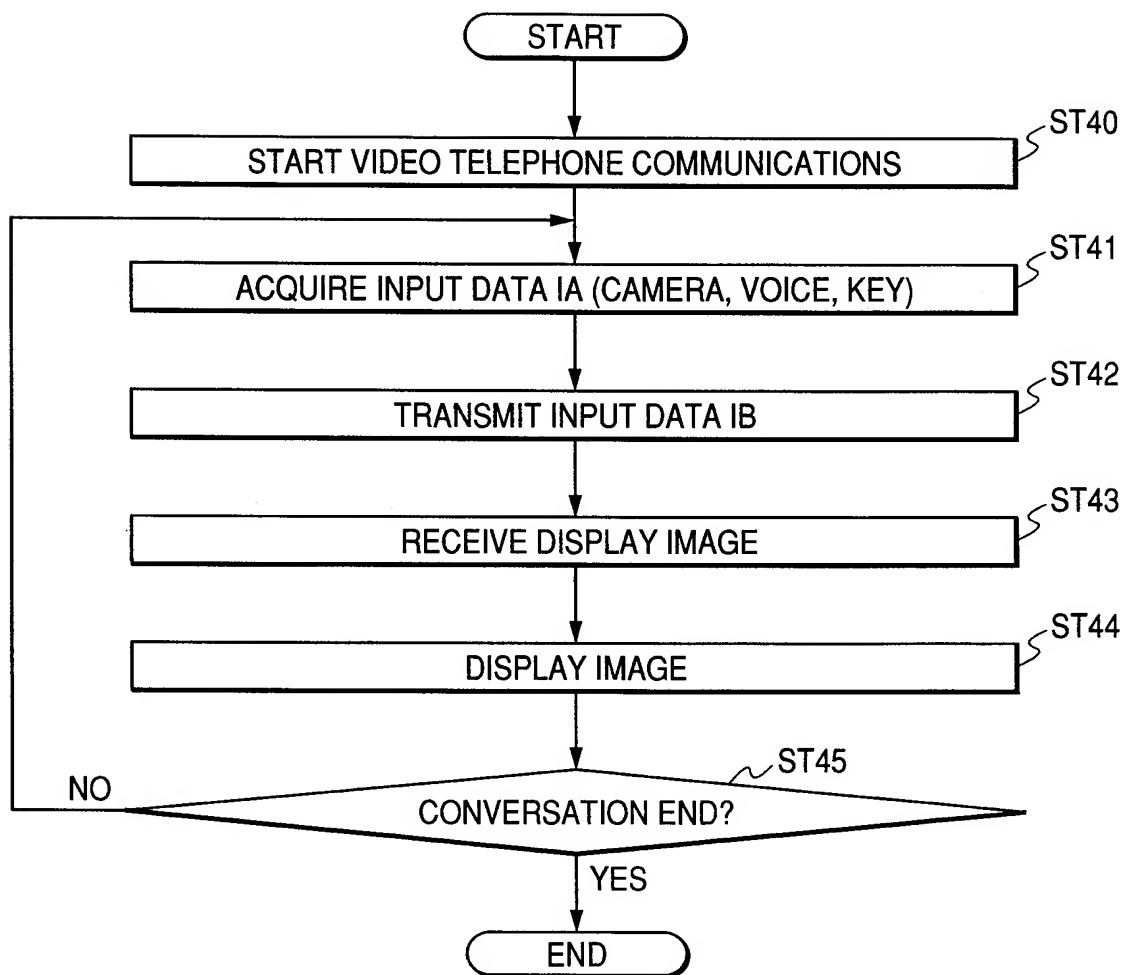
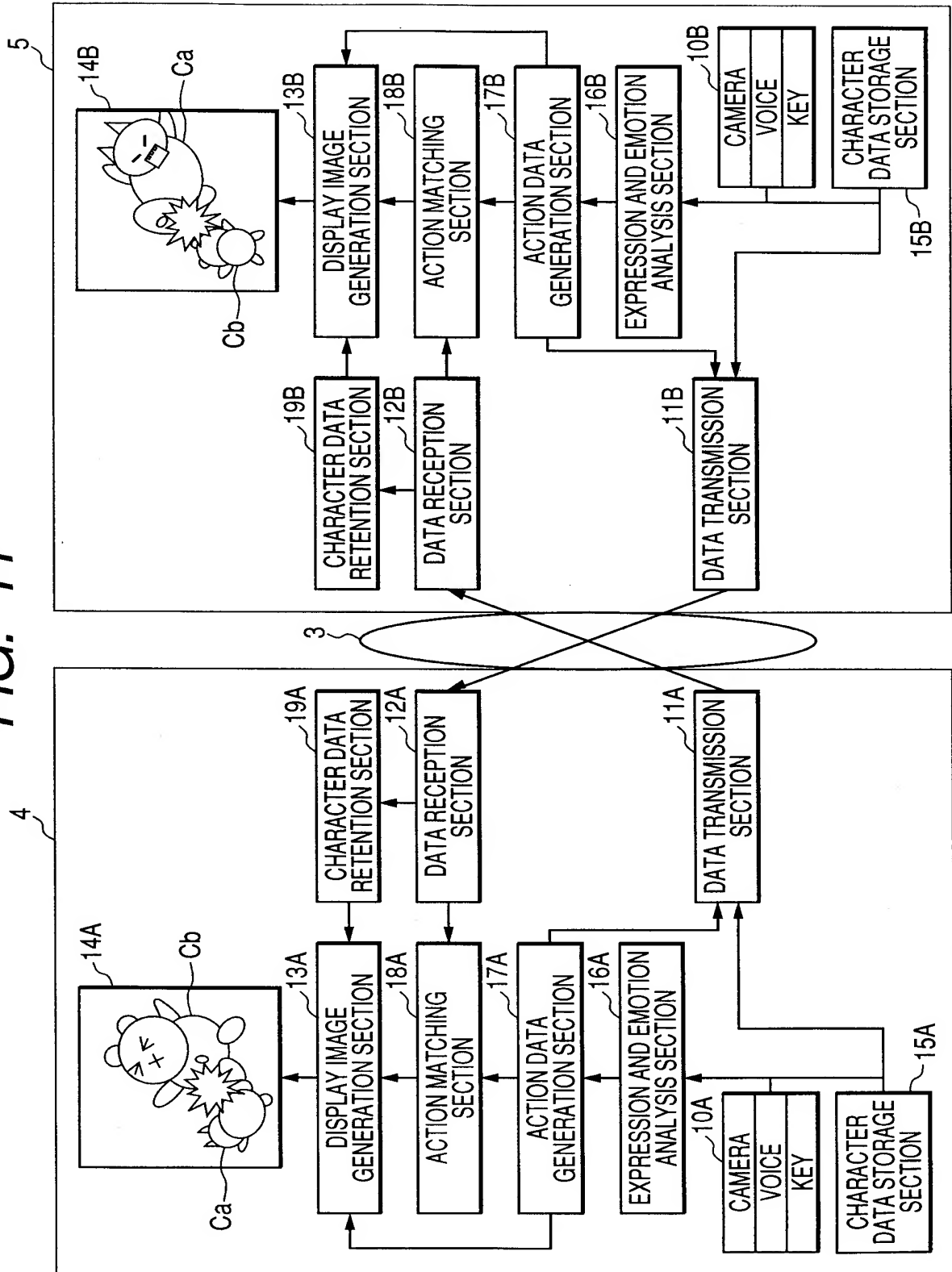
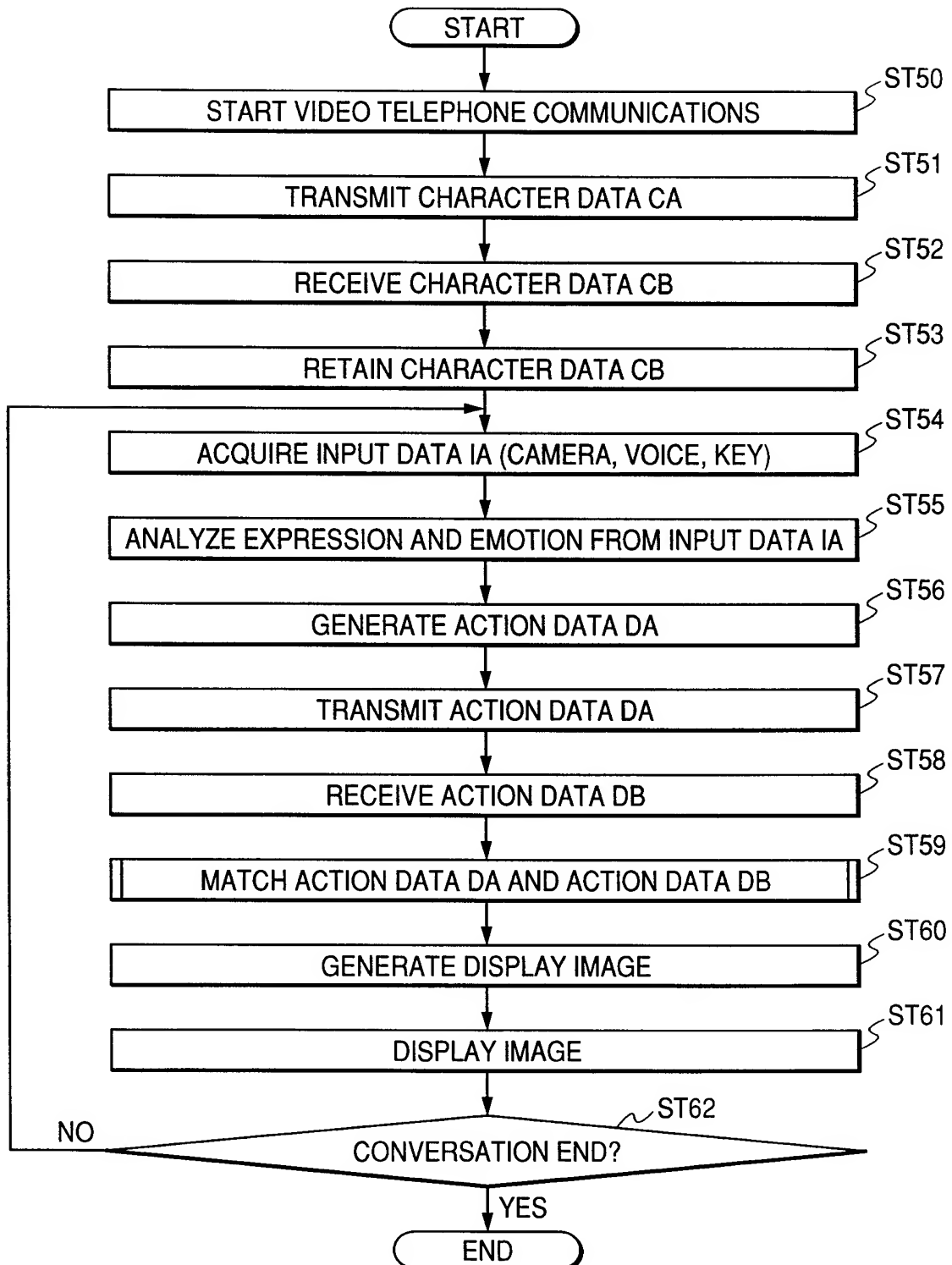
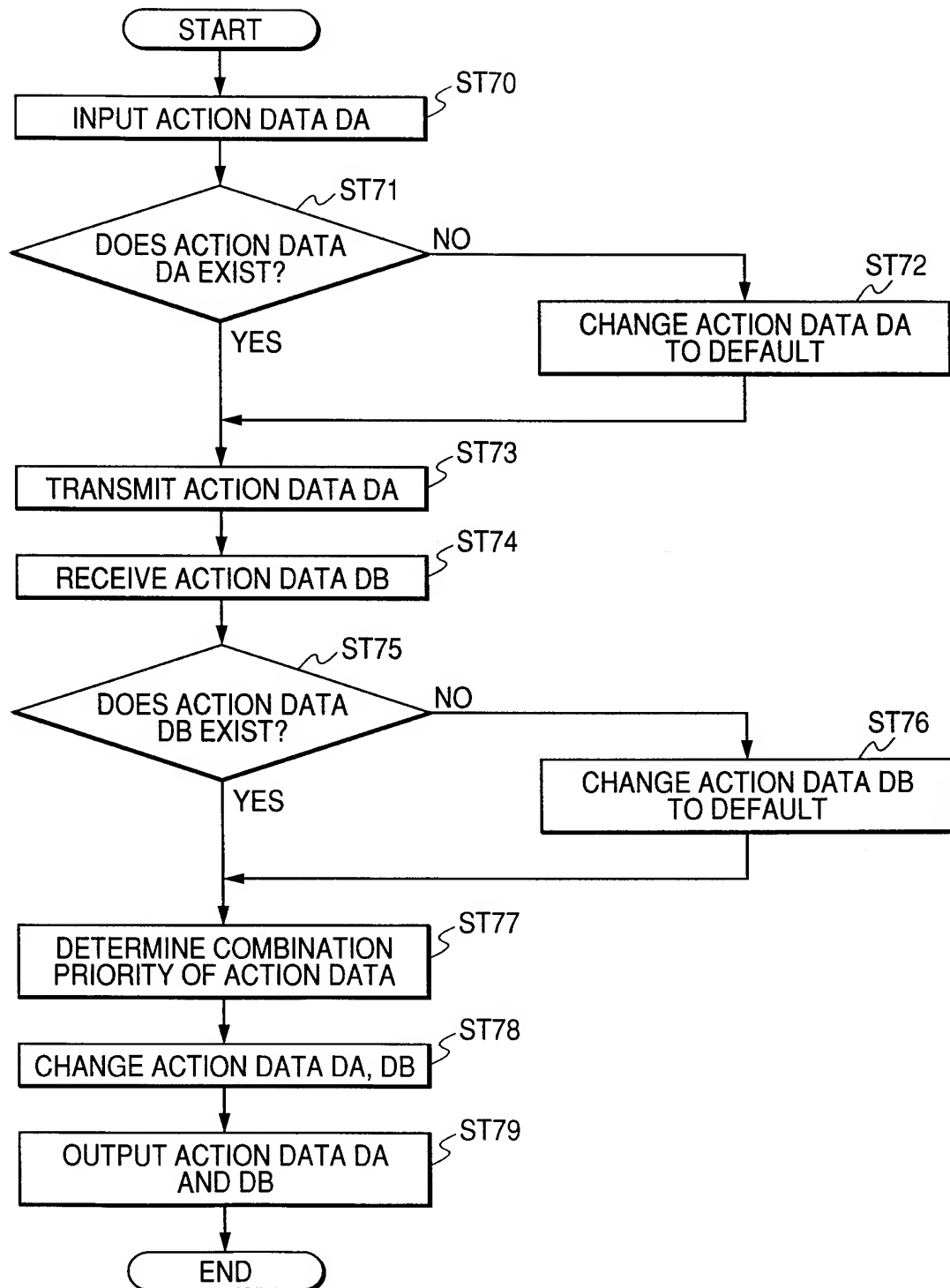
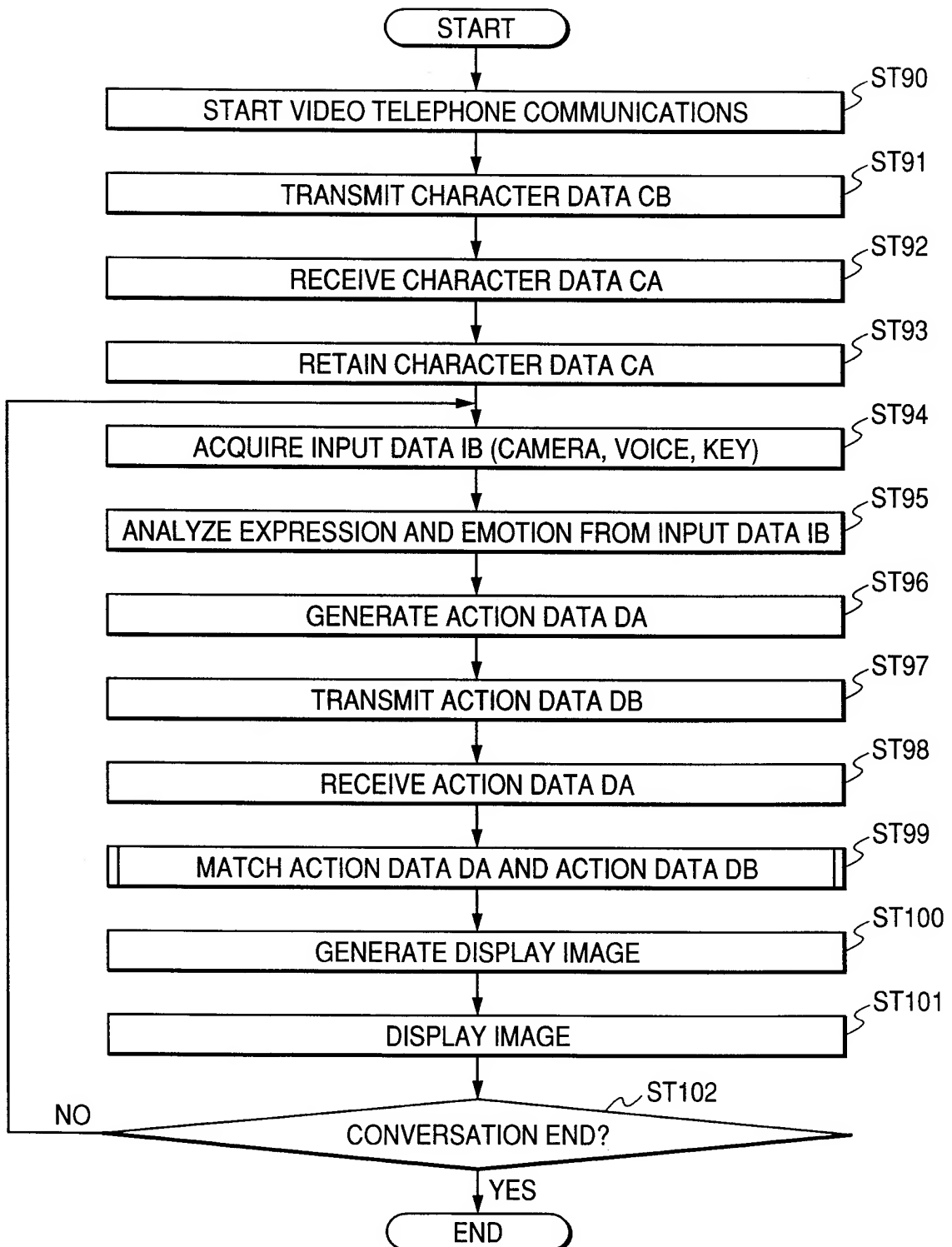
*FIG. 10*

FIG. 11



**FIG. 12**

**FIG. 13**

**FIG. 14**

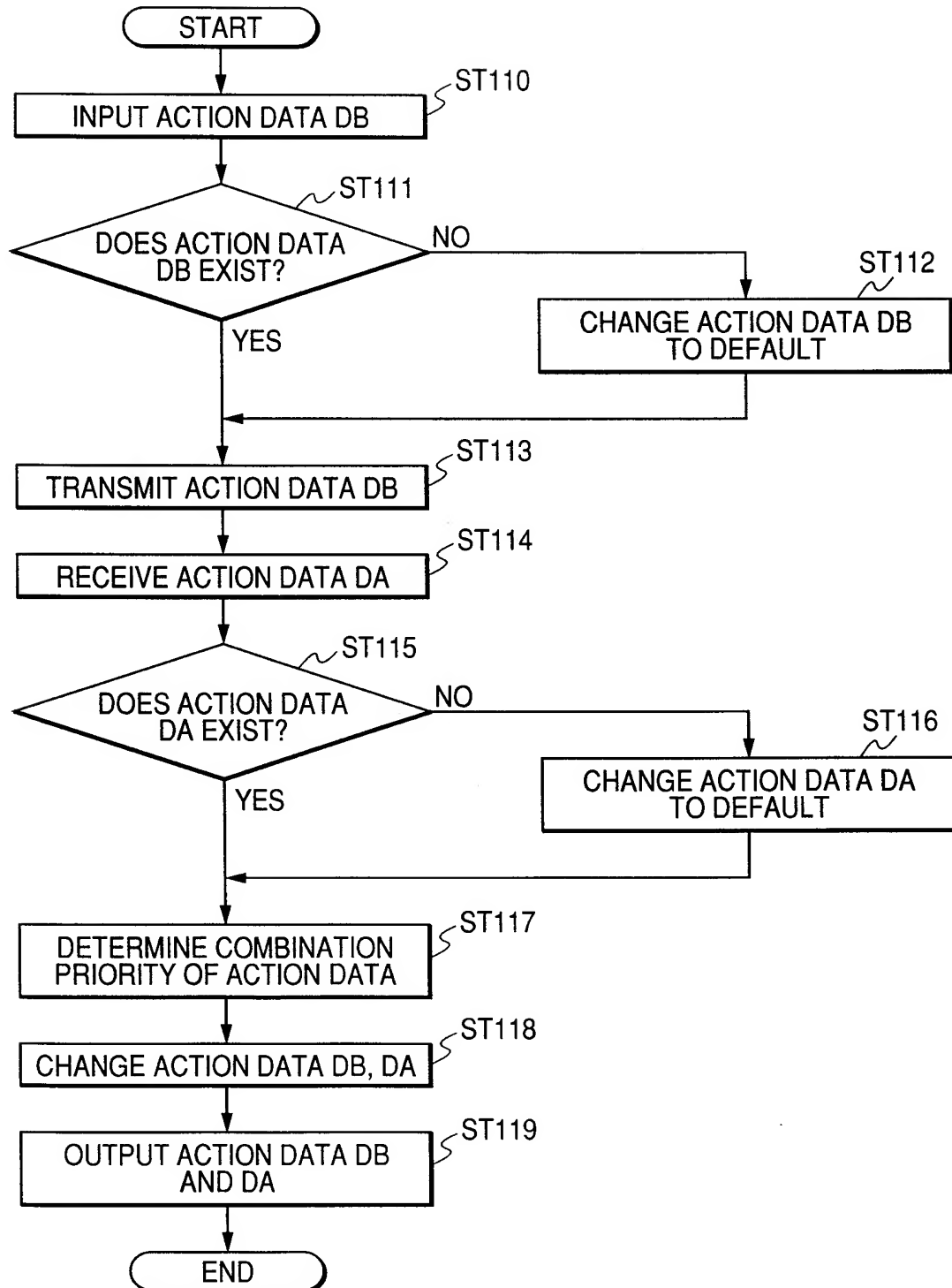
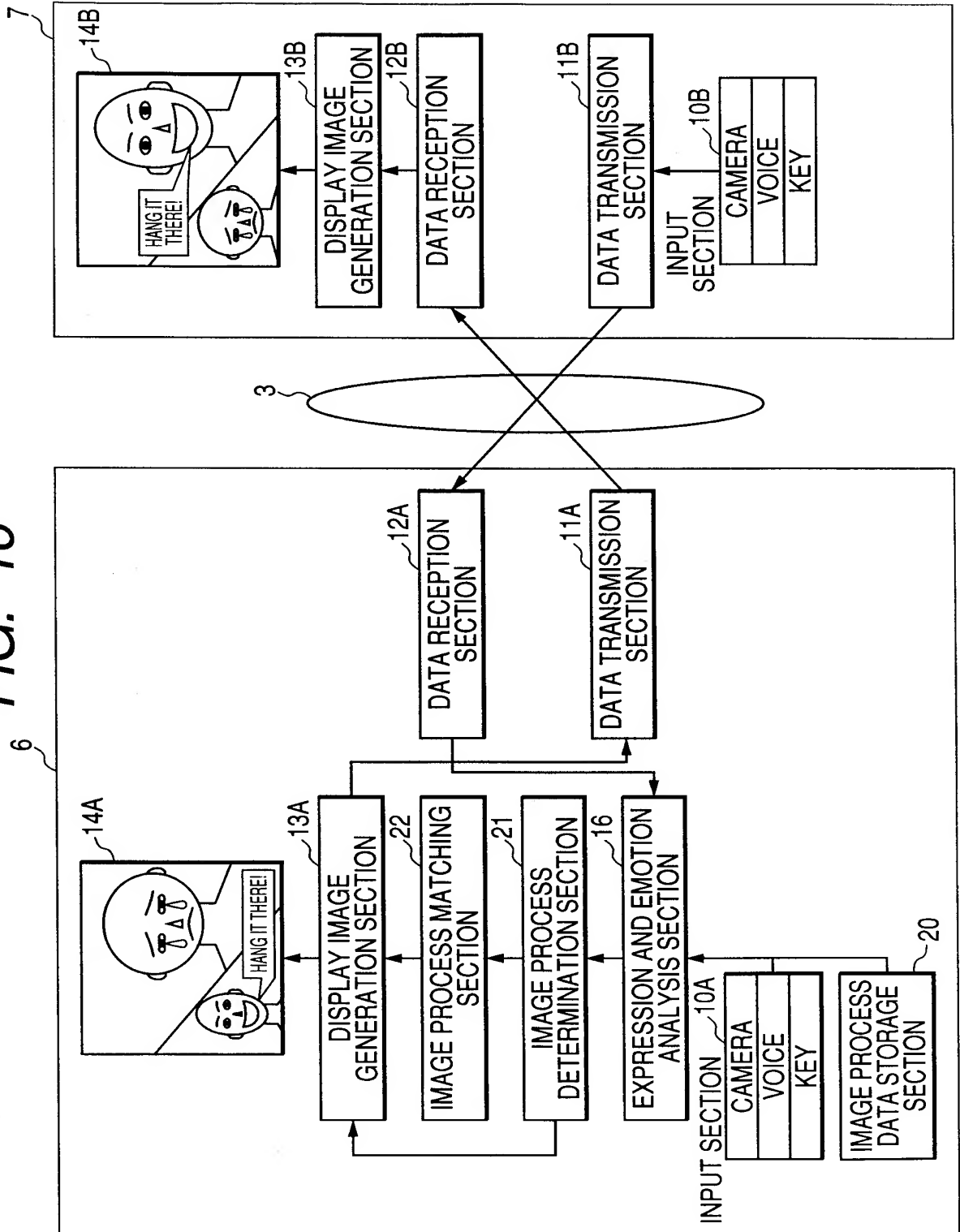
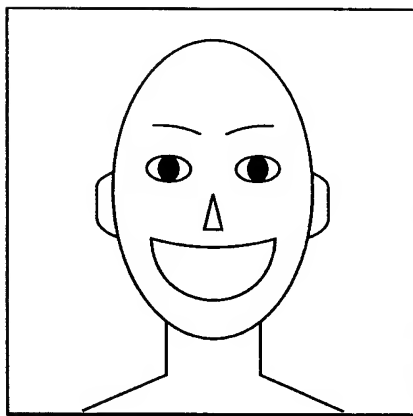
**FIG. 15**

FIG. 16

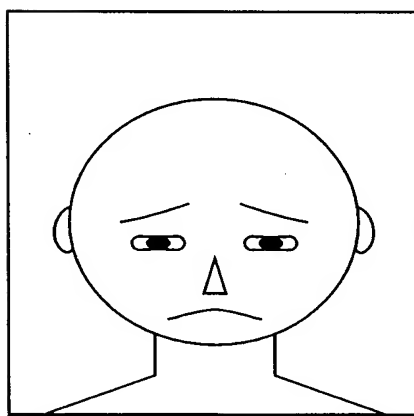


*FIG. 17(a)*



CAMERA IMAGE PIA

*FIG. 17(b)*



CAMERA IMAGE PIB



*FIG. 18(a)*

- BALLOON
- HEART
- TEAR
- DEFAULT

SOLE PROCESS TABLE TD

*FIG. 18(b)*

- BALLOON
- HEART
- TEAR
- DEFAULT

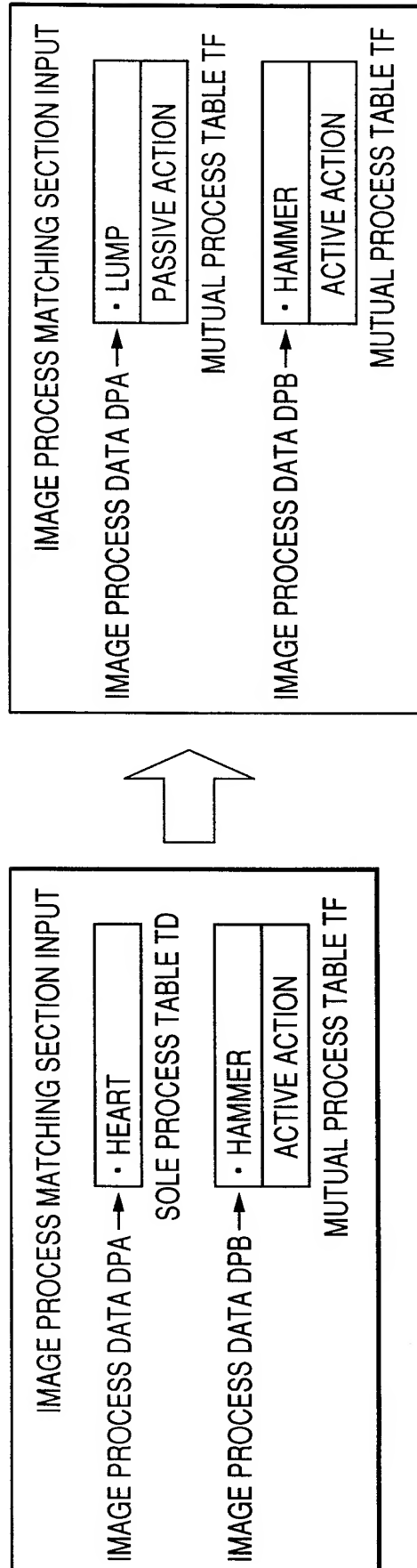
SOLE PROCESS TABLE TE

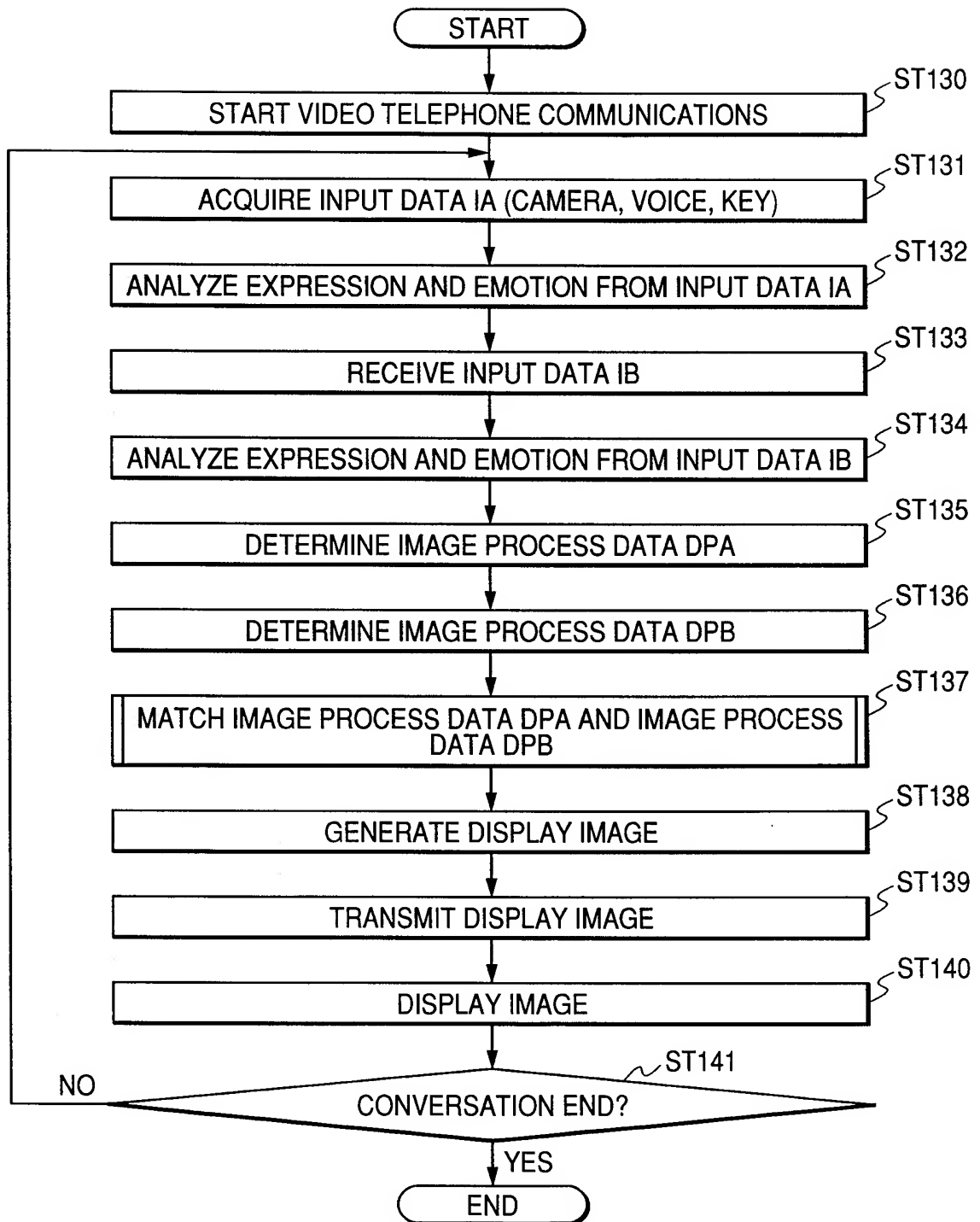
*FIG. 18(c)*

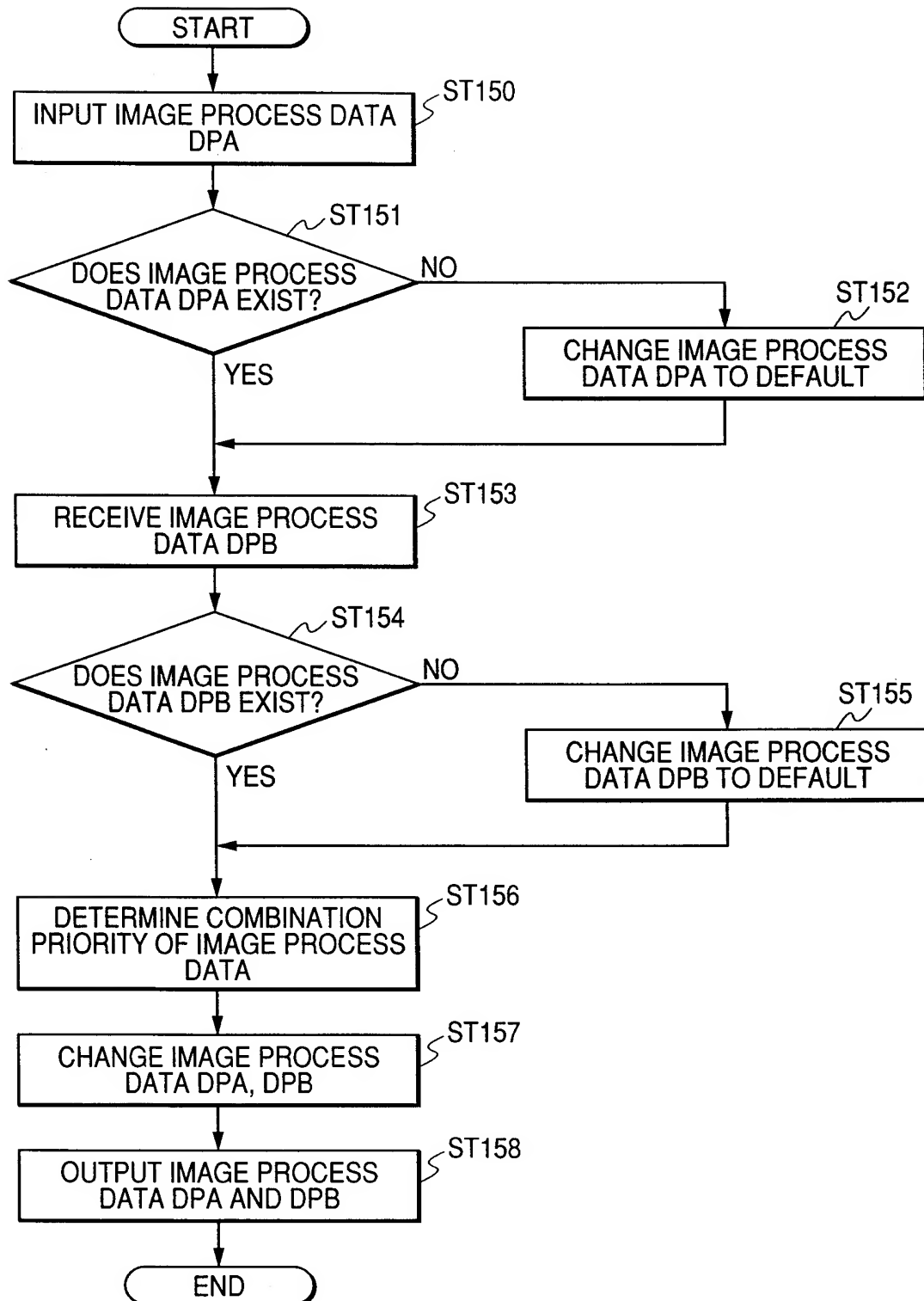
<ul style="list-style-type: none"> <li>• FACE IS SCALED UP</li> <li>• HAMMER</li> </ul>	<ul style="list-style-type: none"> <li>• FACE IS SCALED DOWN</li> <li>• LUMP</li> </ul>
ACTIVE ACTION	PASSIVE ACTION

MUTUAL PROCESS TABLE TF

FIG. 19



**FIG. 20**

**FIG. 21**

*FIG. 22*